

FIG. 1

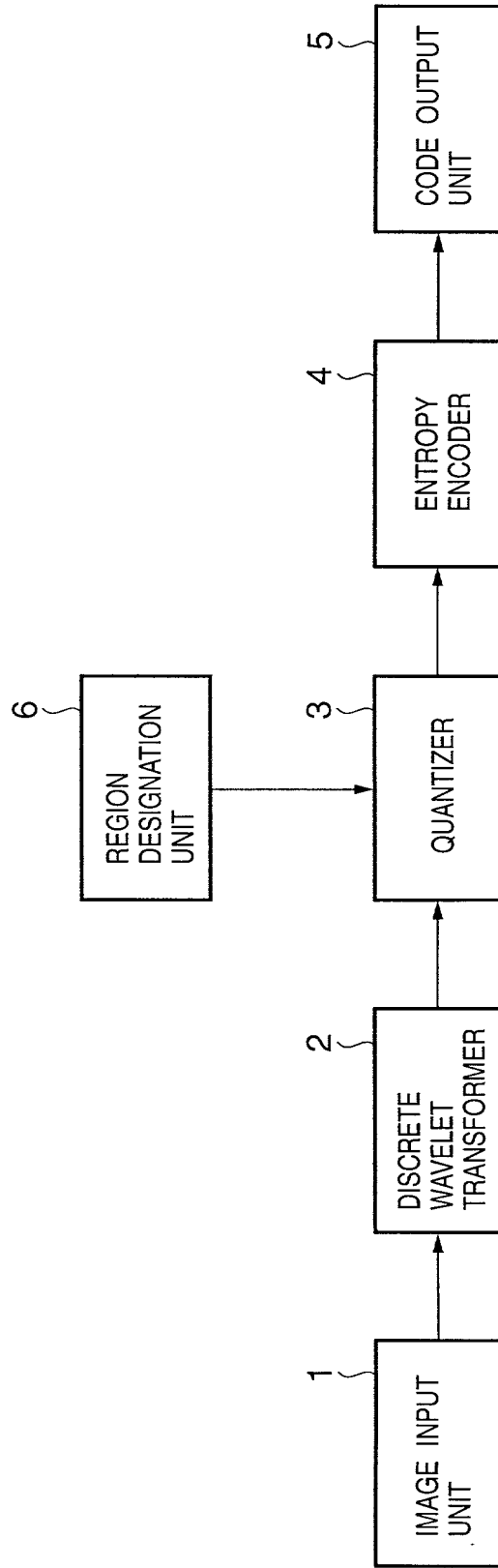


FIG. 2

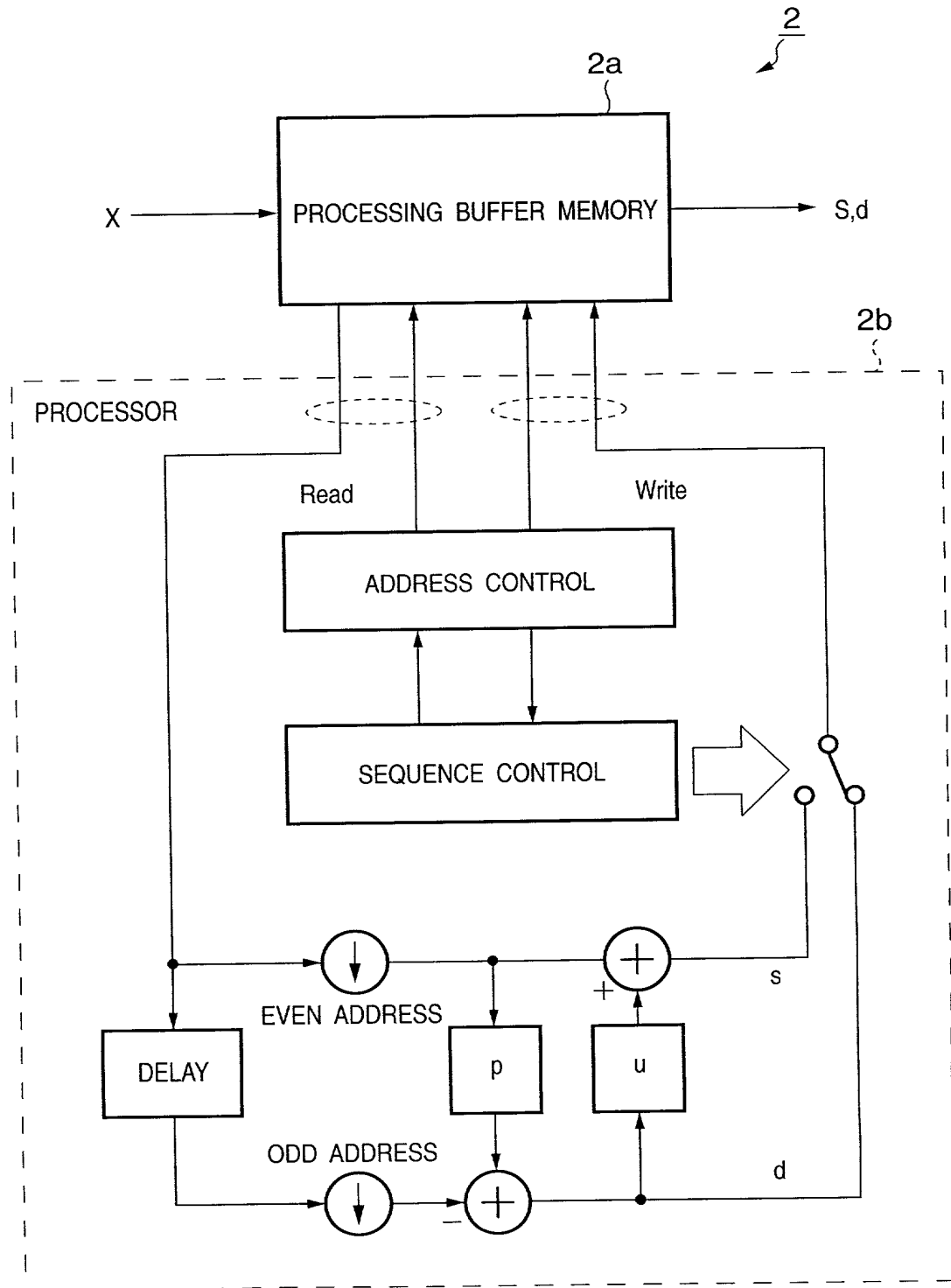


FIG. 3A

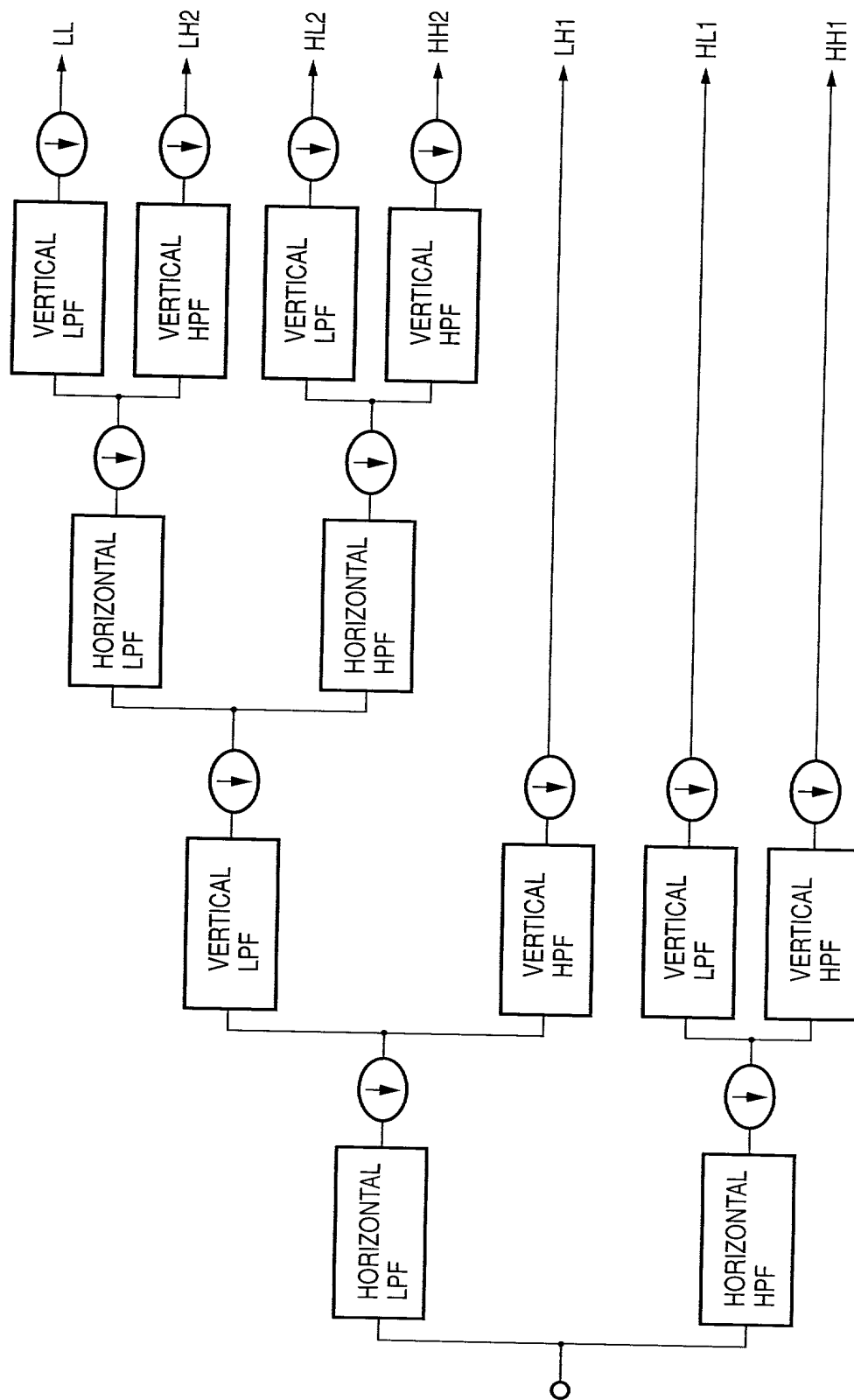


FIG. 3B

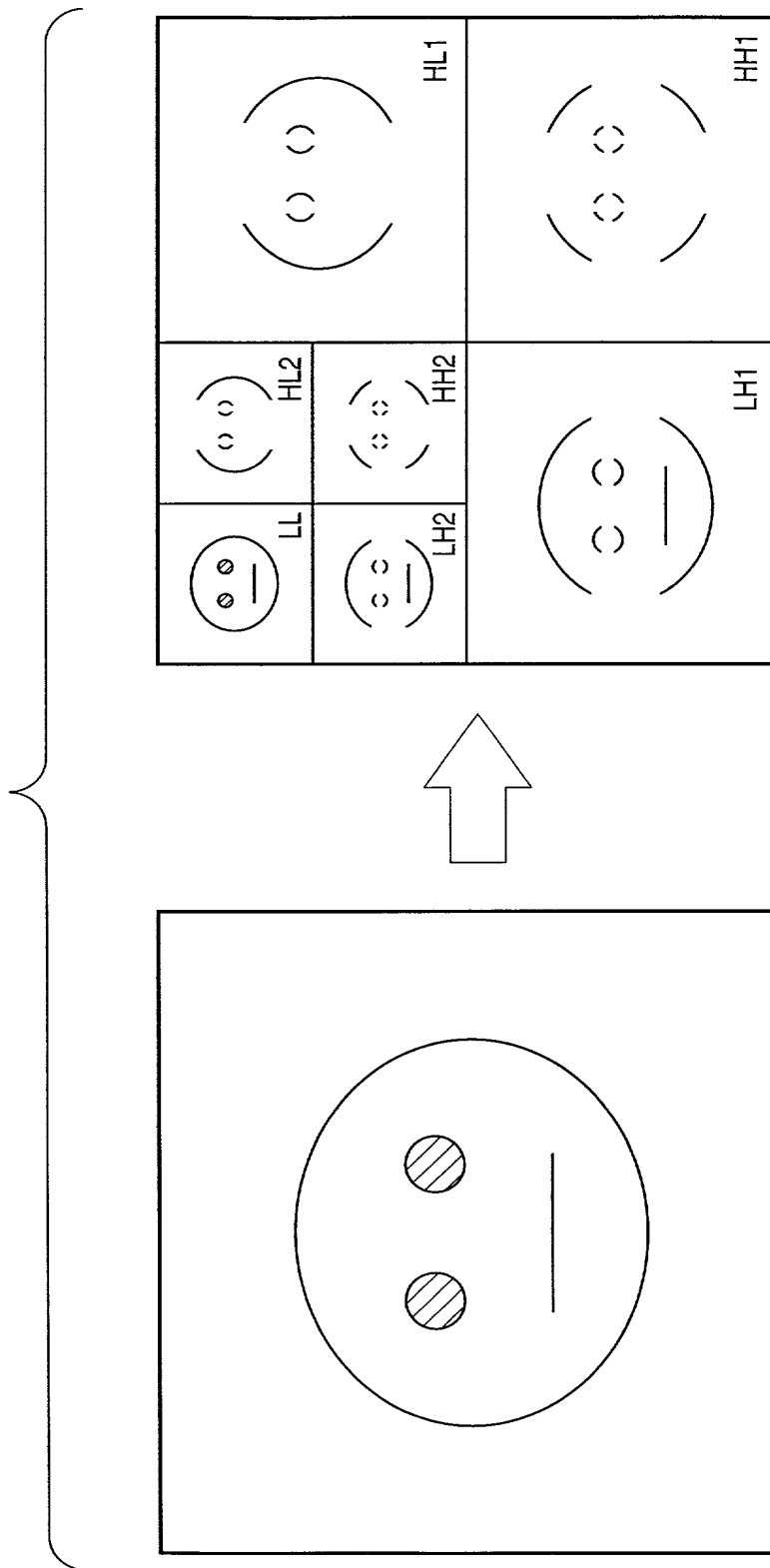


FIG. 4A

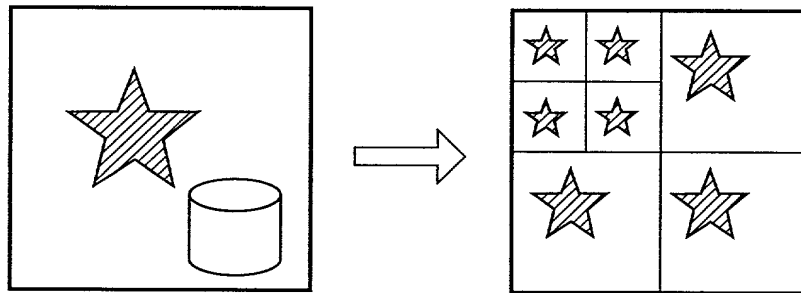
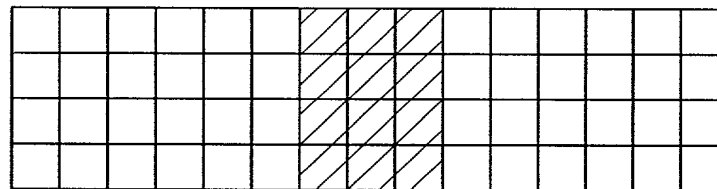
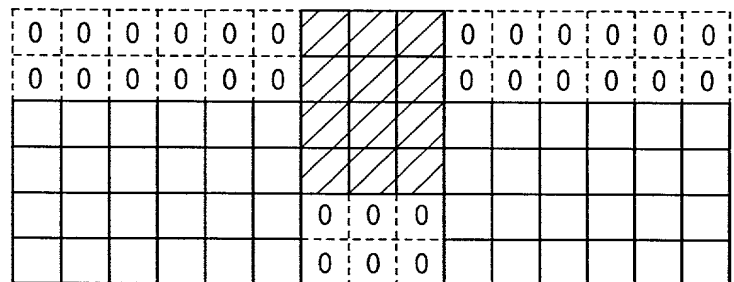


FIG. 4B



HIGH IMAGE
QUALITY
REGION

FIG. 4C



B BITS

HIGH IMAGE
QUALITY
REGION

FIG. 5A

FIG. 5B

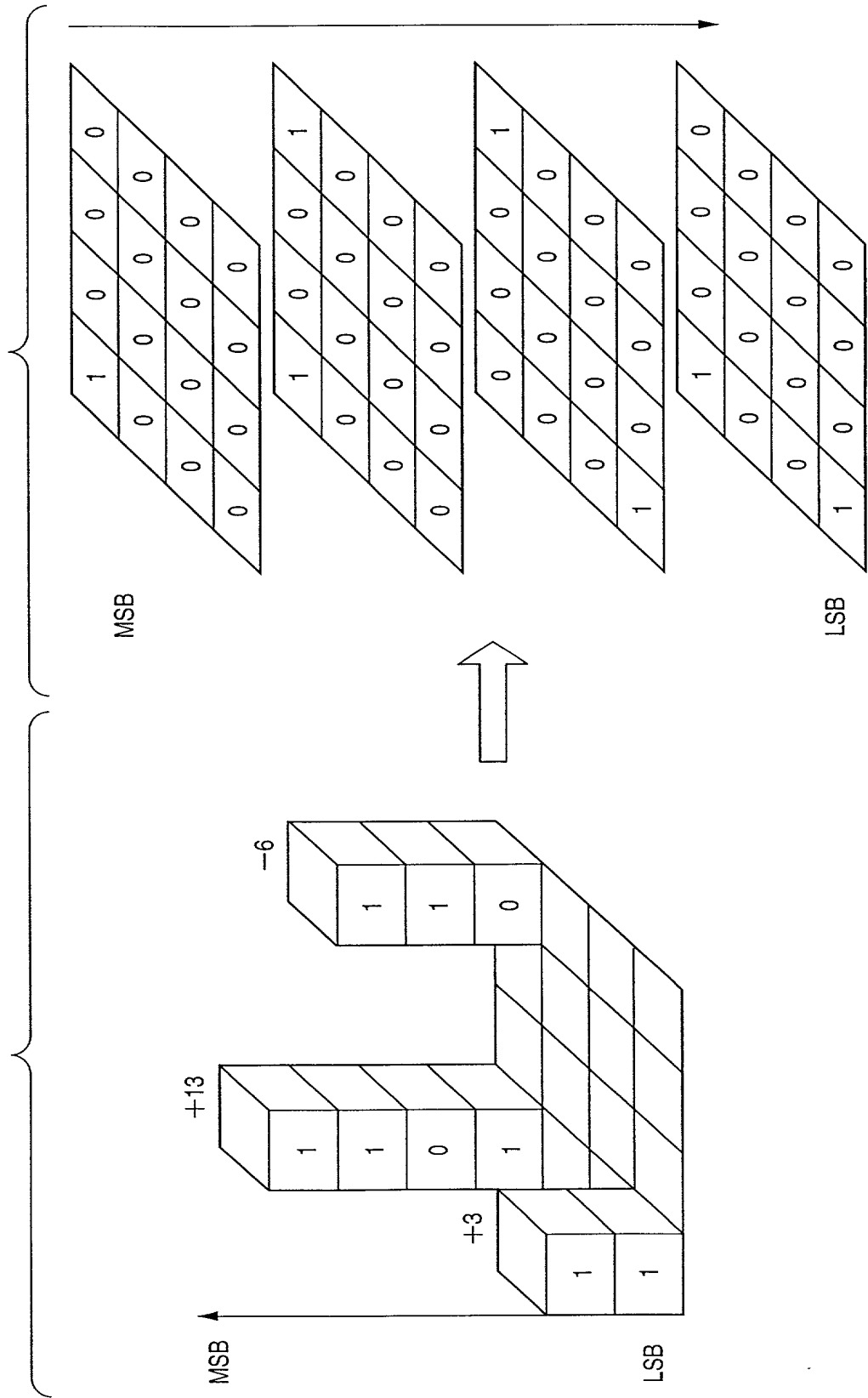


FIG. 6A

| | | |
|------|------|------|
| RLL | RHL2 | RHL1 |
| RLH2 | RHH2 | |
| RLH1 | | RHH1 |

FIG. 6B

| | | |
|------|------|------|
| GLL | GHL2 | GHL1 |
| GLH2 | GHH2 | |
| GLH1 | | GHH1 |

FIG. 6C

| | | |
|------|------|------|
| BLL | BHL2 | BHL1 |
| BLH2 | BHH2 | |
| BLH1 | | BHH1 |

FIG. 7A

| | | |
|------|------|------|
| YLL | YHL2 | YHL1 |
| YLH2 | YHH2 | |
| YLH1 | | YHH1 |

FIG. 7B

| | | |
|--------------|--------------|--------------|
| (R-Y) LL | (R-Y) HL2 | (R-Y) HL1 |
| (R-Y) LH2 | (R-Y) HH2 | |
| (R-Y) LH1 | | (R-Y) HH1 |

FIG. 7C

| | | |
|--------------|--------------|--------------|
| (B-Y) LL | (B-Y) HL2 | (B-Y) HL1 |
| (B-Y) LH2 | (B-Y) HH2 | |
| (B-Y) LH1 | | (B-Y) HH1 |

FIG. 8A

| | | |
|------|------|------|
| YLL | YHL2 | YHL1 |
| YLH2 | YHH2 | |
| YLH1 | | YHH1 |

FIG. 8B

| | |
|-------------|-------------|
| (R-Y) LL | (R-Y) HL |
| (R-Y) LH | (R-Y) HH |

FIG. 8C

| | |
|-------------|-------------|
| (B-Y) LL | (B-Y) HL |
| (R-Y) LH | (R-Y) HH |

FIG. 9A

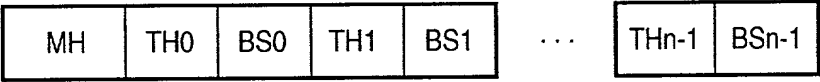


FIG. 9B



FIG. 9C



FIG. 9D

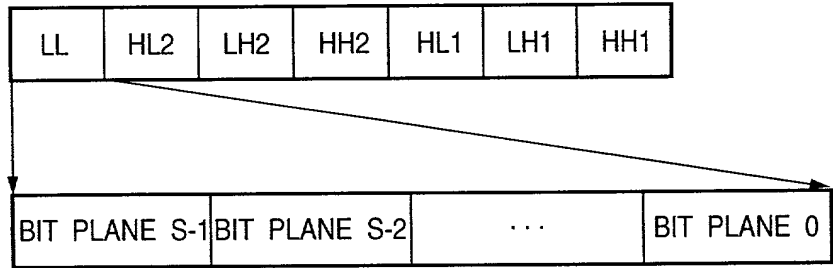


FIG. 9E

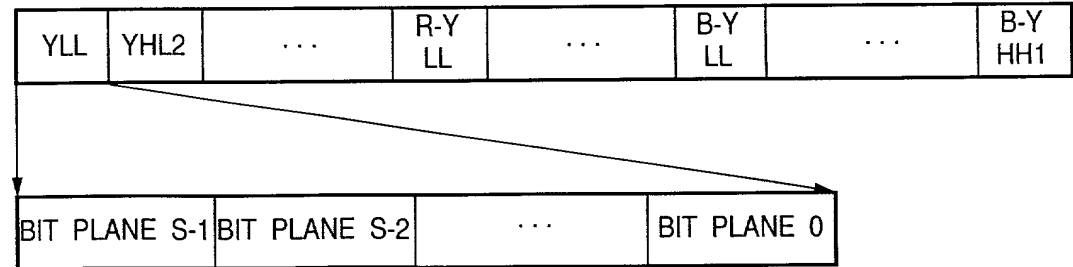


FIG. 10A

| | | | | | | | |
|----|-----|-----|-----|-----|-----|-------|-------|
| MH | TH0 | BS0 | TH1 | BS1 | ... | THn-1 | BSn-1 |
|----|-----|-----|-----|-----|-----|-------|-------|

FIG. 10B

| | | | |
|---------------|-----------|-------------------------|--------------------------|
| IMAGE SIZE | TILE SIZE | NUMBER OF COMPONENTS | COMPONENT INFORMATION |
|---------------|-----------|-------------------------|--------------------------|

FIG. 10C

| | | | |
|----------------|-----------------------|---------------------|--------------------------|
| TILE LENGTH | ENCODING PARAMETER | MASK INFORMATION | BIT SHIFT INFORMATION |
|----------------|-----------------------|---------------------|--------------------------|

FIG. 10D

| | | | | | |
|---------------|-----|---------------|-----|-------------|-----|
| BIT PLANE S-1 | | BIT PLANE S-2 | | BIT PLANE 0 | |
| LL | HL2 | LL | ... | LL | HL1 |
| HL2 | LH2 | LL | ... | LL | HL1 |
| HL2 | LH2 | LL | ... | LL | HL1 |

FIG. 10E

| | | | | | | | |
|---------------|-----|------|-----------|-------------|------------|-----|------------|
| BIT PLANE S-1 | | | | BIT PLANE 0 | | | |
| YLL | ... | YHH2 | R-Y LL | ... | B-Y HH2 | ... | B-Y HH2 |
| YLL | ... | YHH2 | R-Y LL | ... | B-Y HH2 | ... | B-Y HH2 |
| YLL | ... | YHH2 | R-Y LL | ... | B-Y HH2 | ... | B-Y HH2 |

FIG. 11

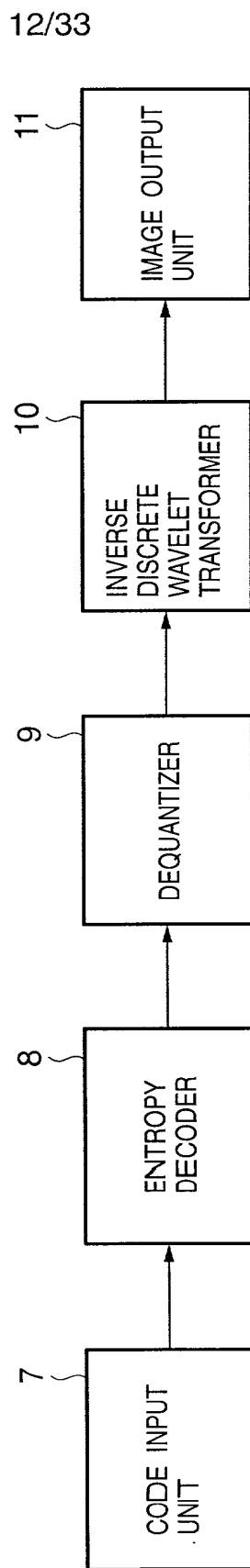


FIG. 12A

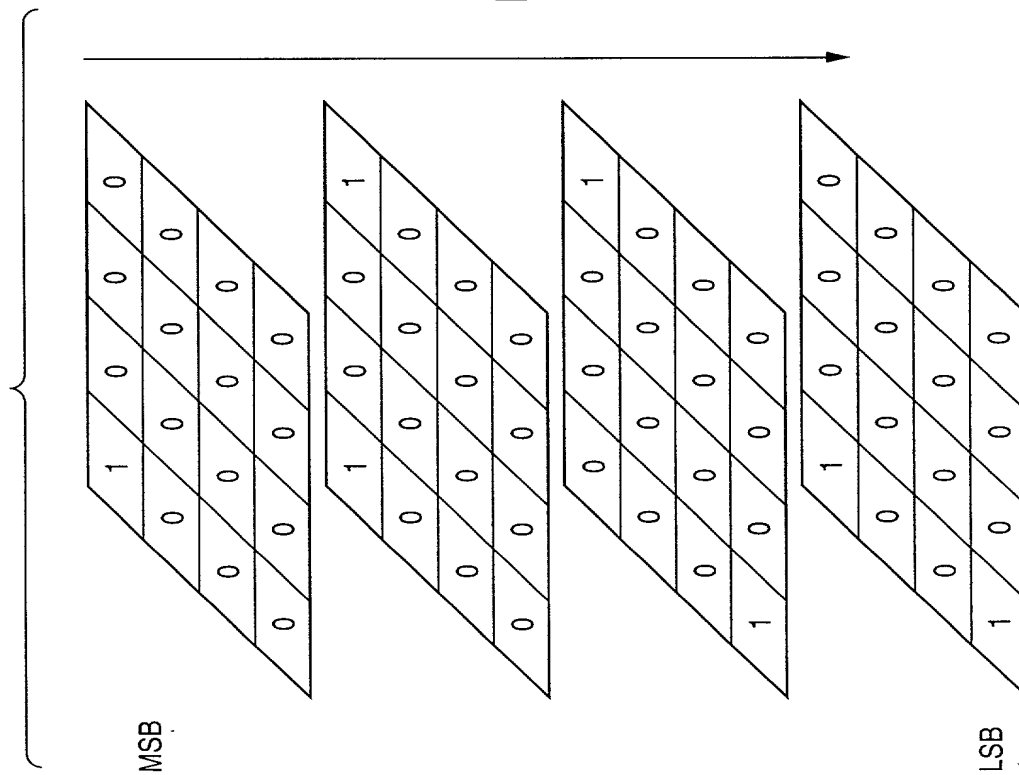


FIG. 12B

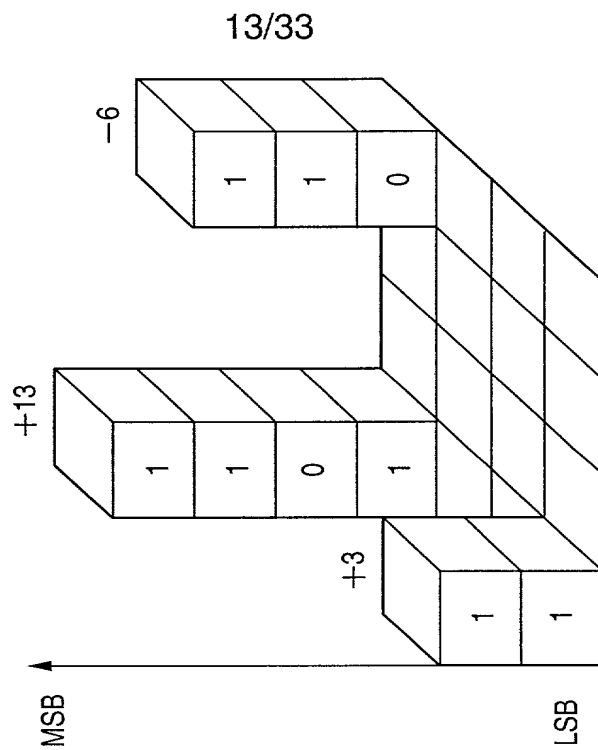


FIG. 13

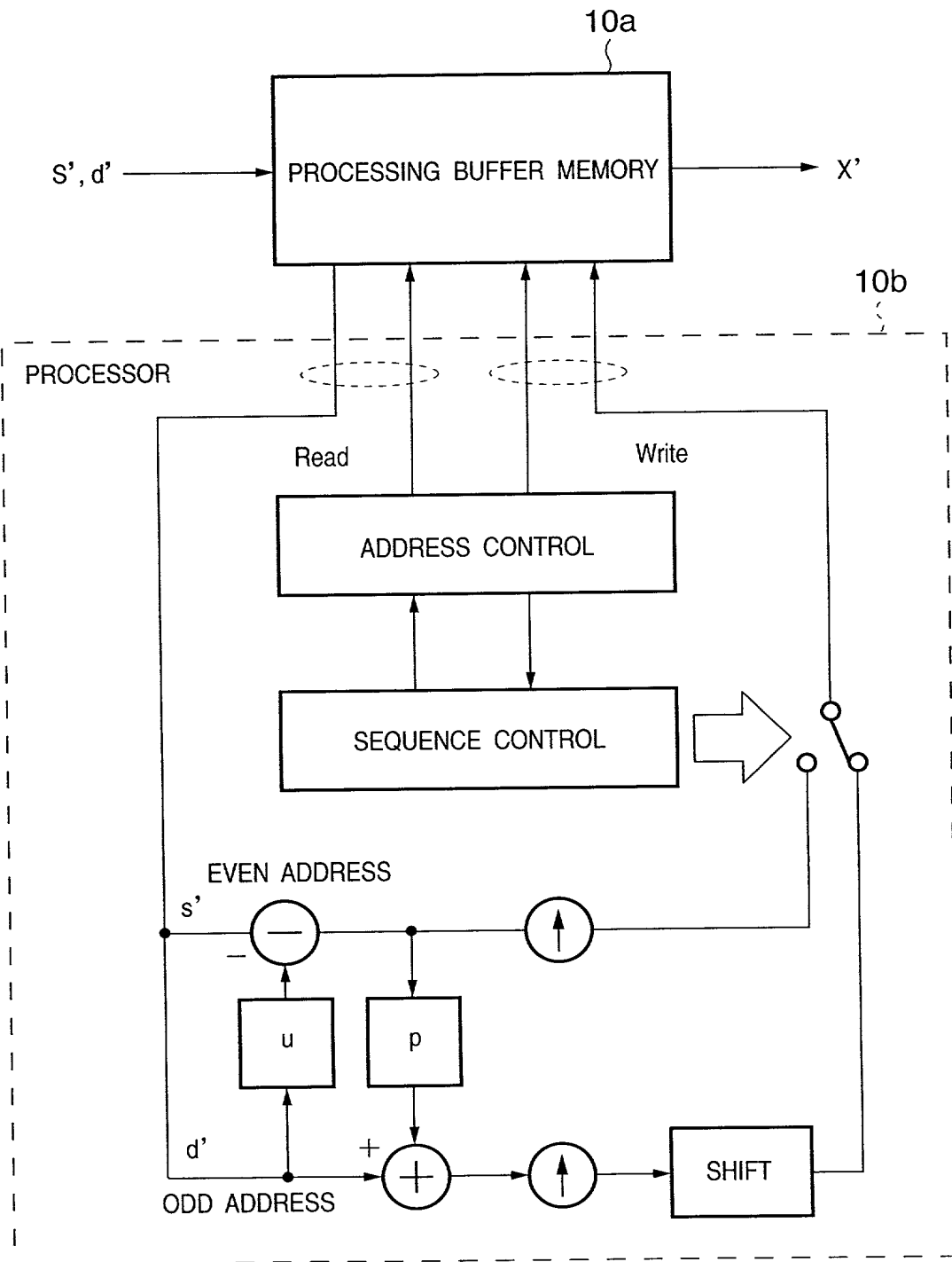


FIG. 14A

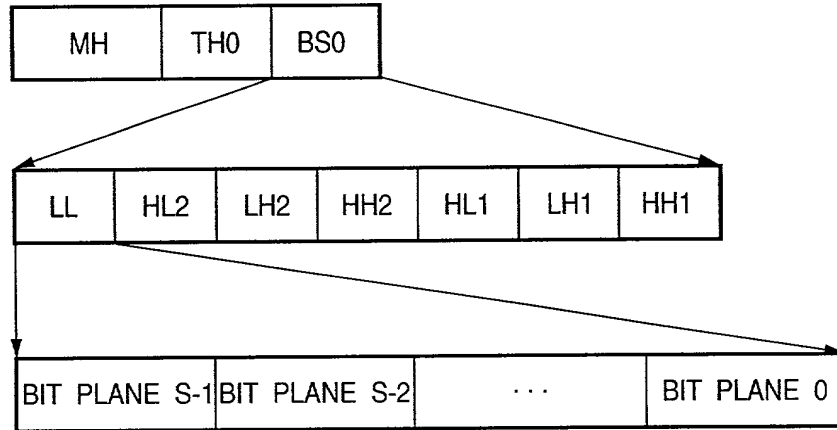
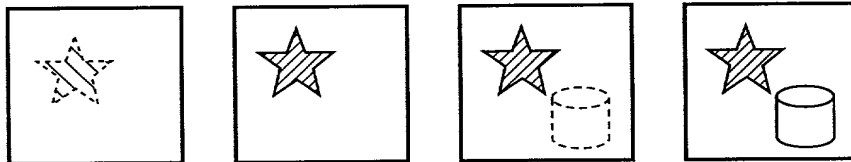


FIG. 14B

LL



LL+
HL2+
LH2+
HH2



LL+
HL2+LH2+
HH2+HL1+
LH2+HH1

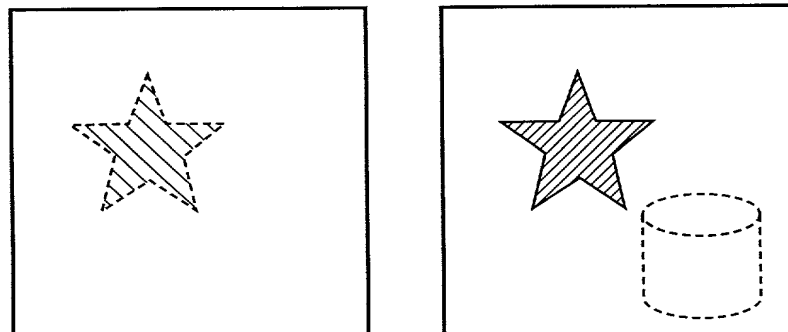


FIG. 15A

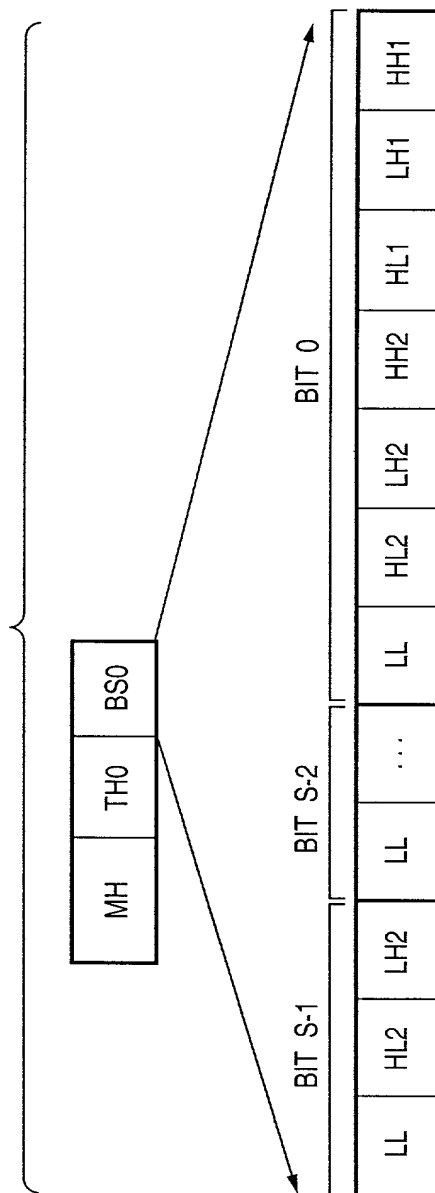


FIG. 15B

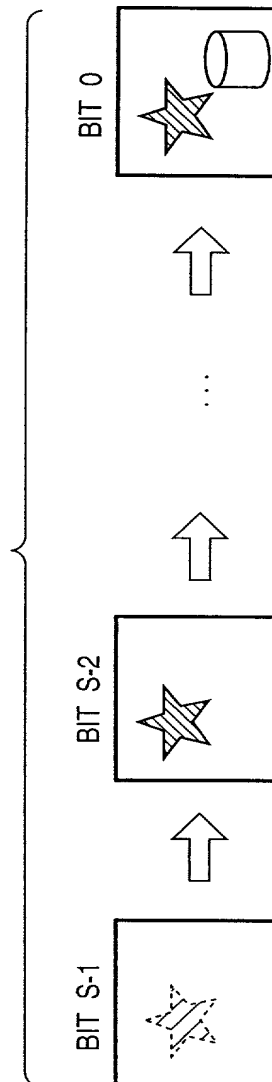


FIG. 16A

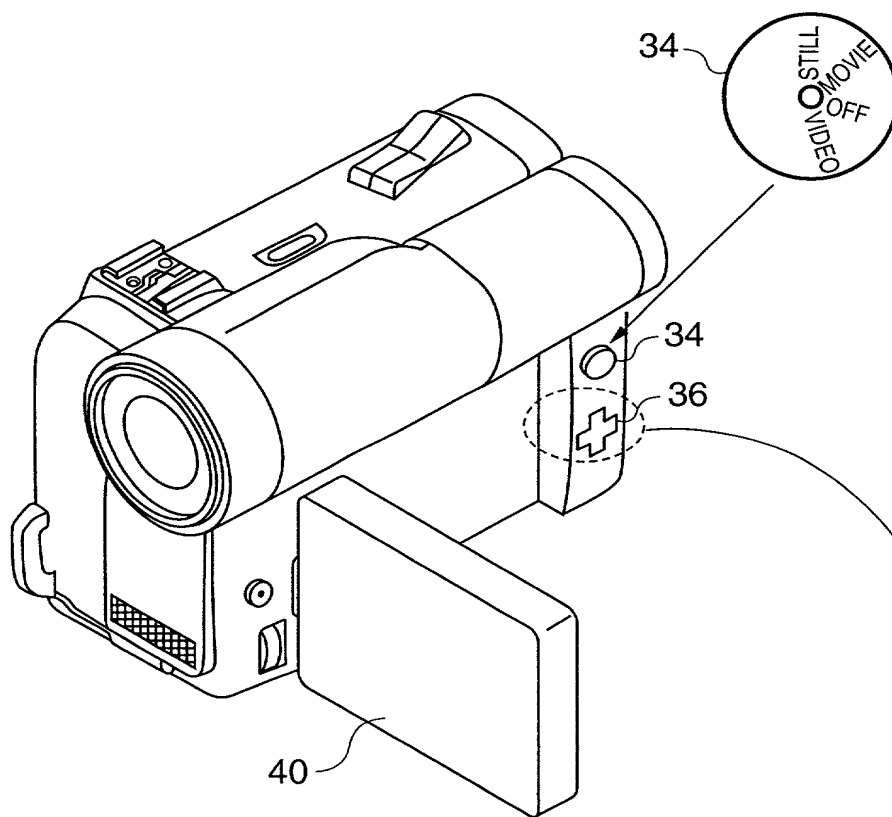


FIG. 16C

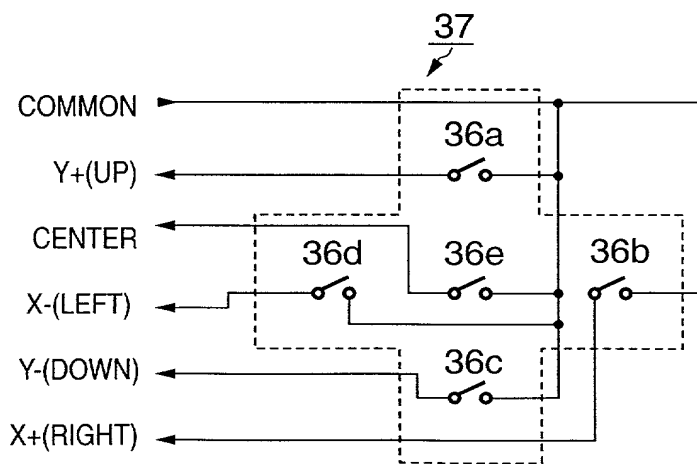


FIG. 16B

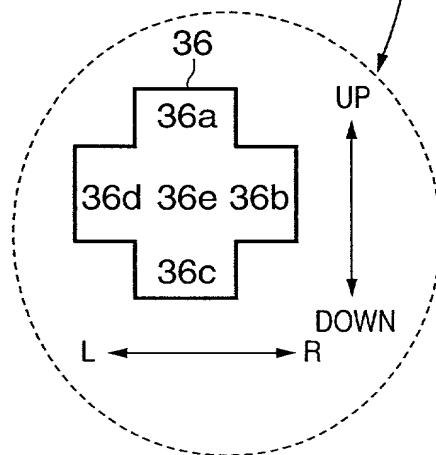


FIG. 17A

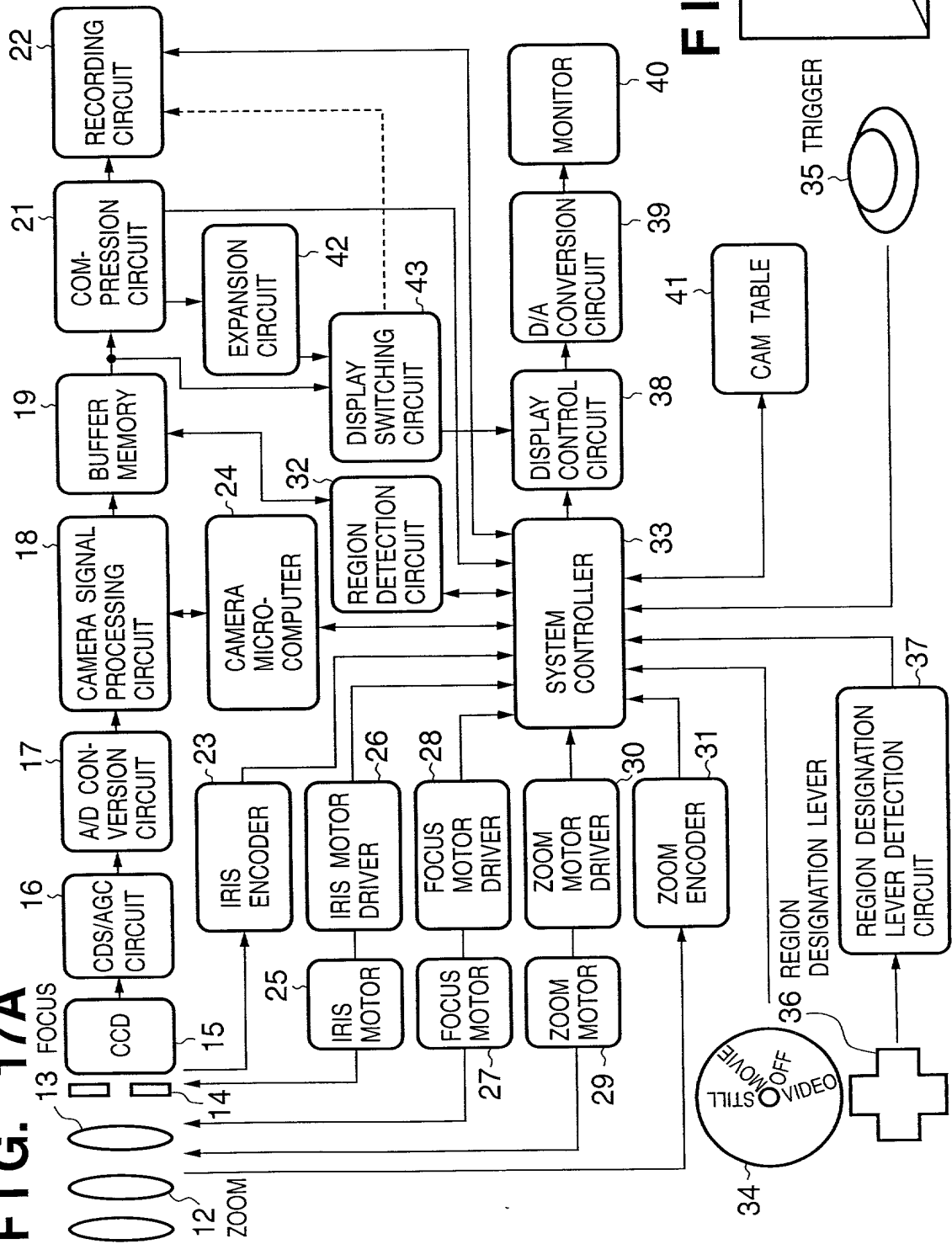


FIG. 17B

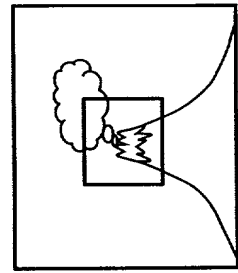


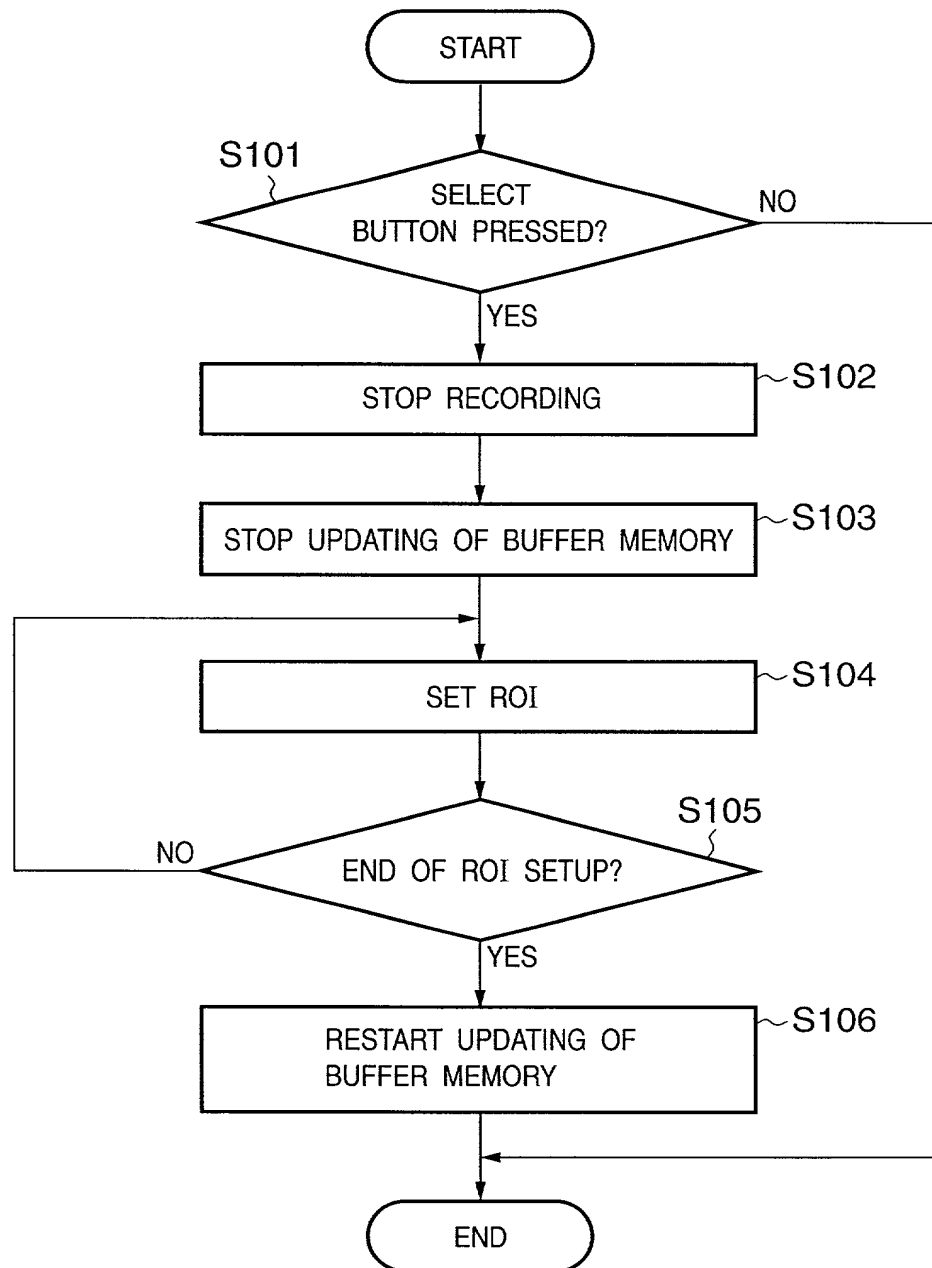
FIG. 18

FIG. 19

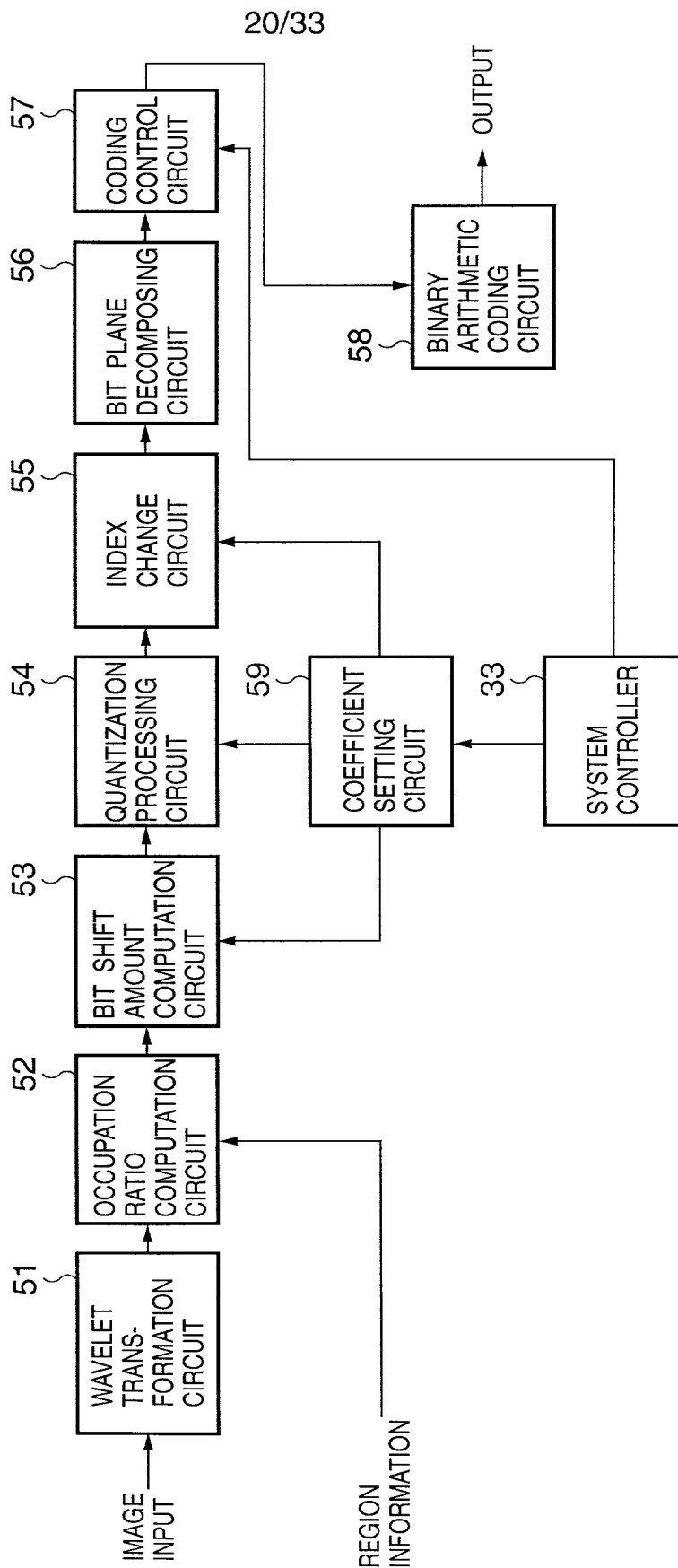


FIG. 20A

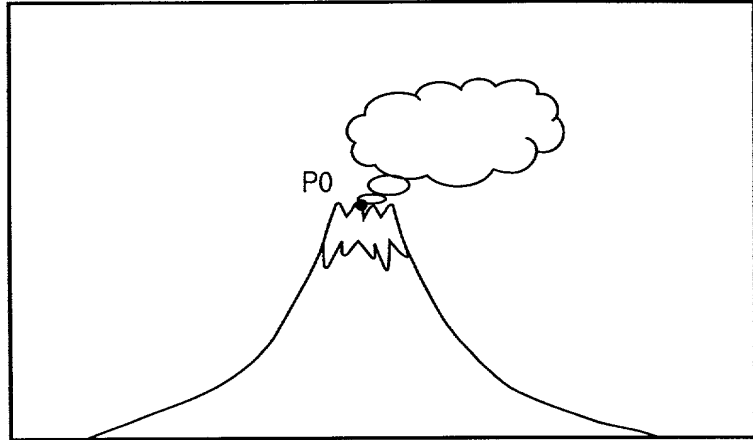


FIG. 20B

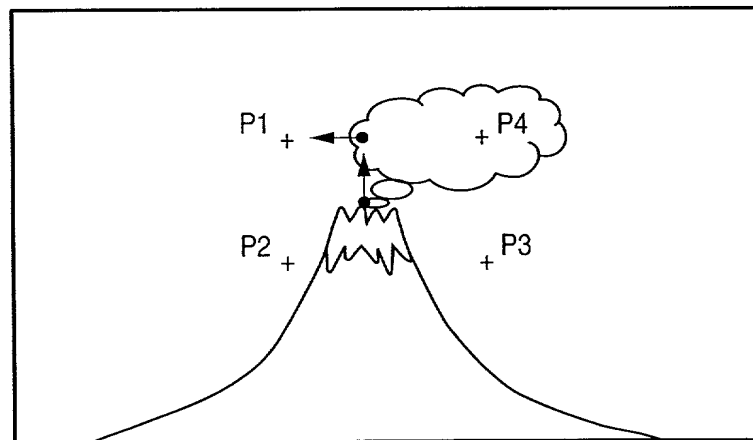


FIG. 20C

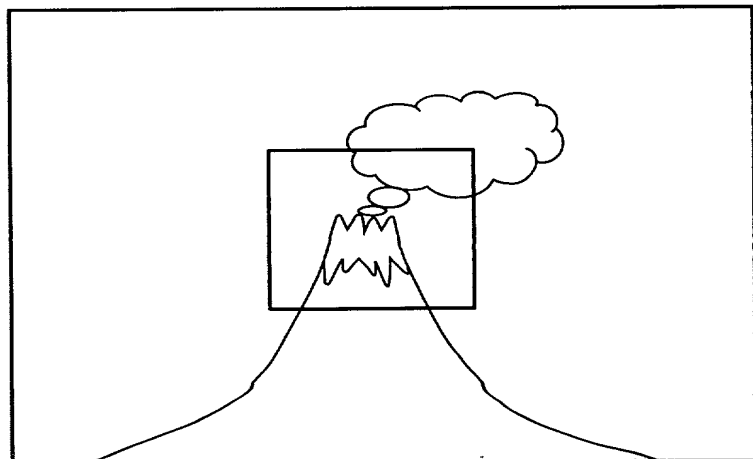


FIG. 21A

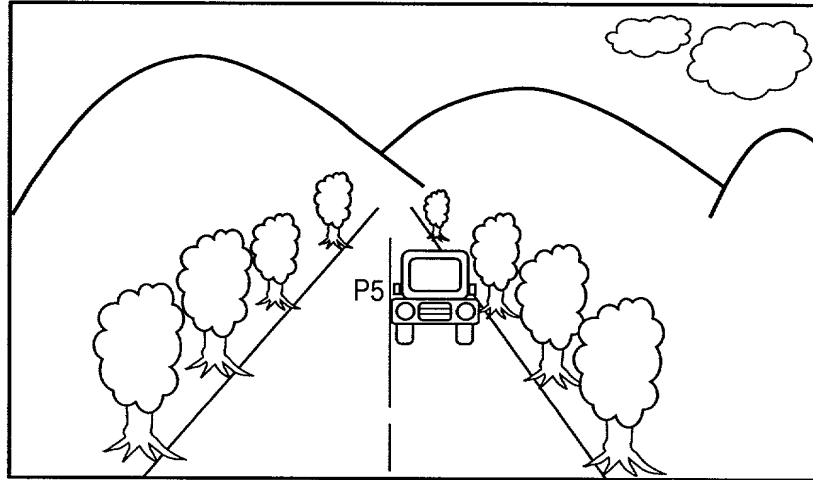


FIG. 21B

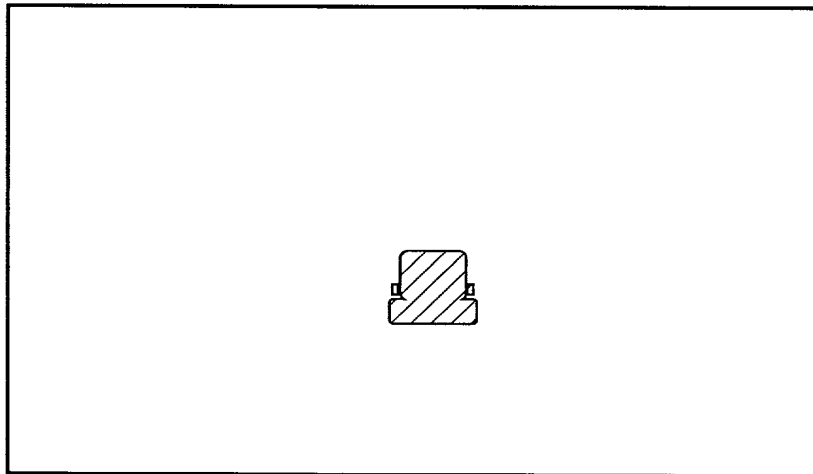


FIG. 22

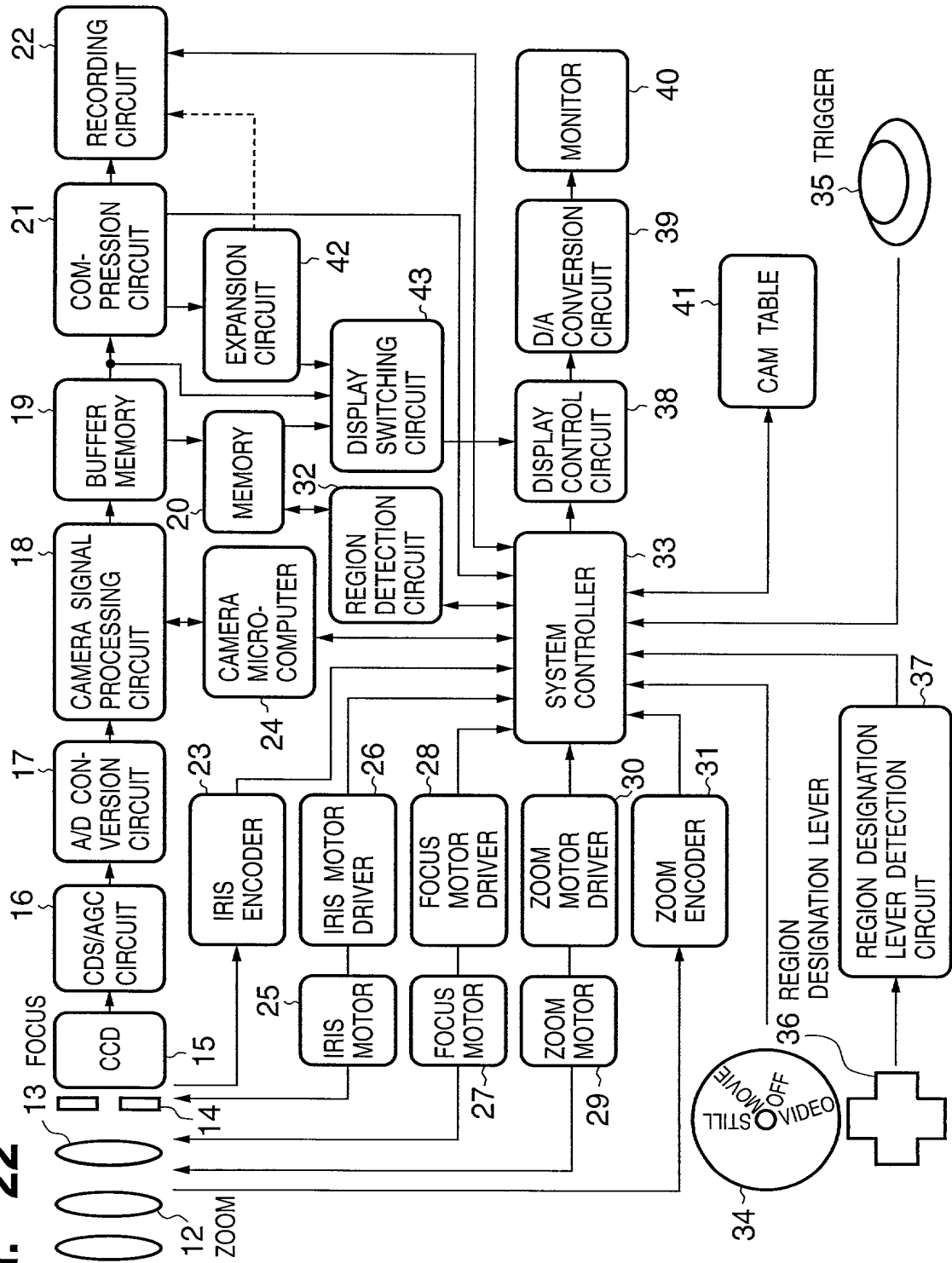


FIG. 23

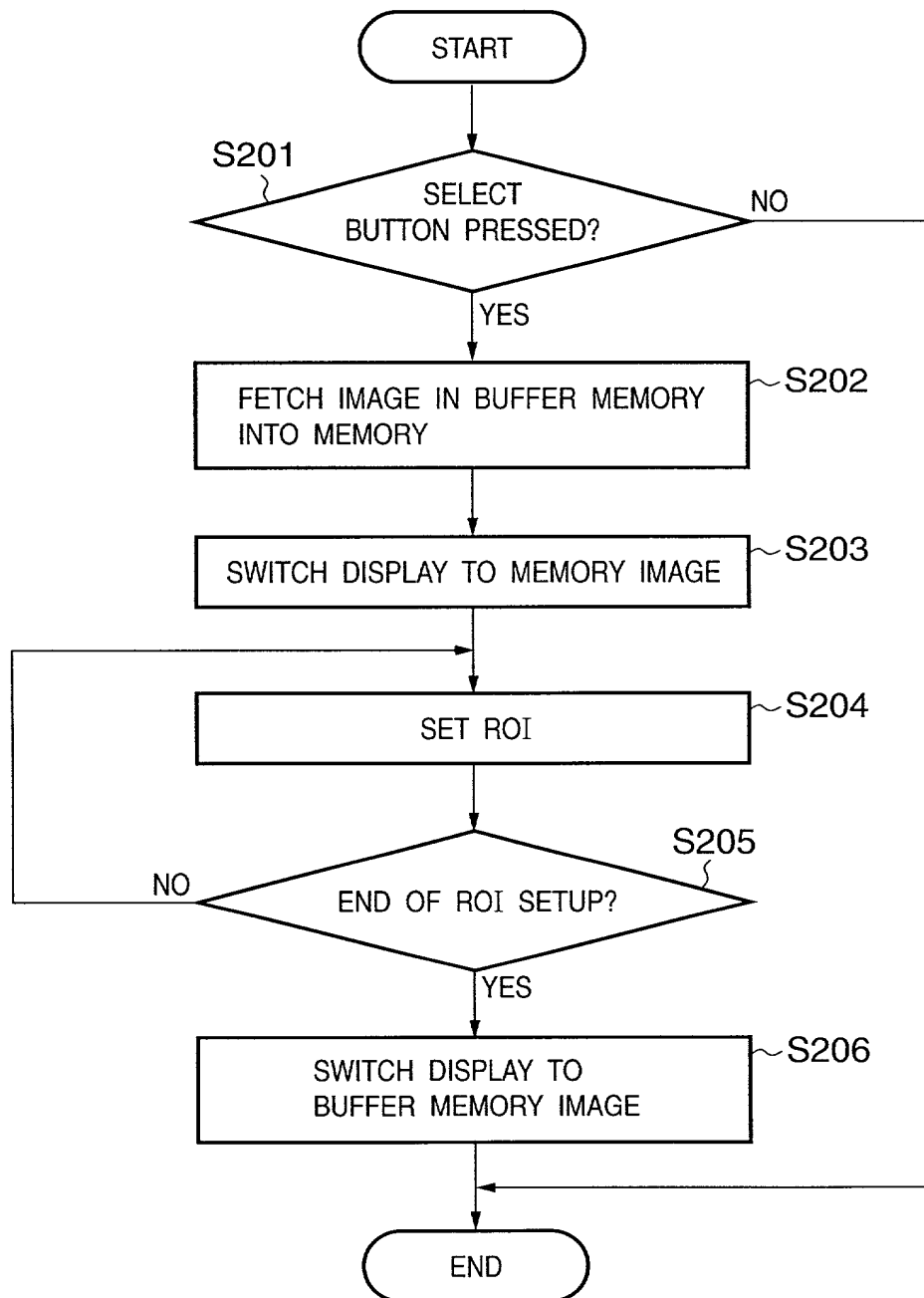


FIG. 24

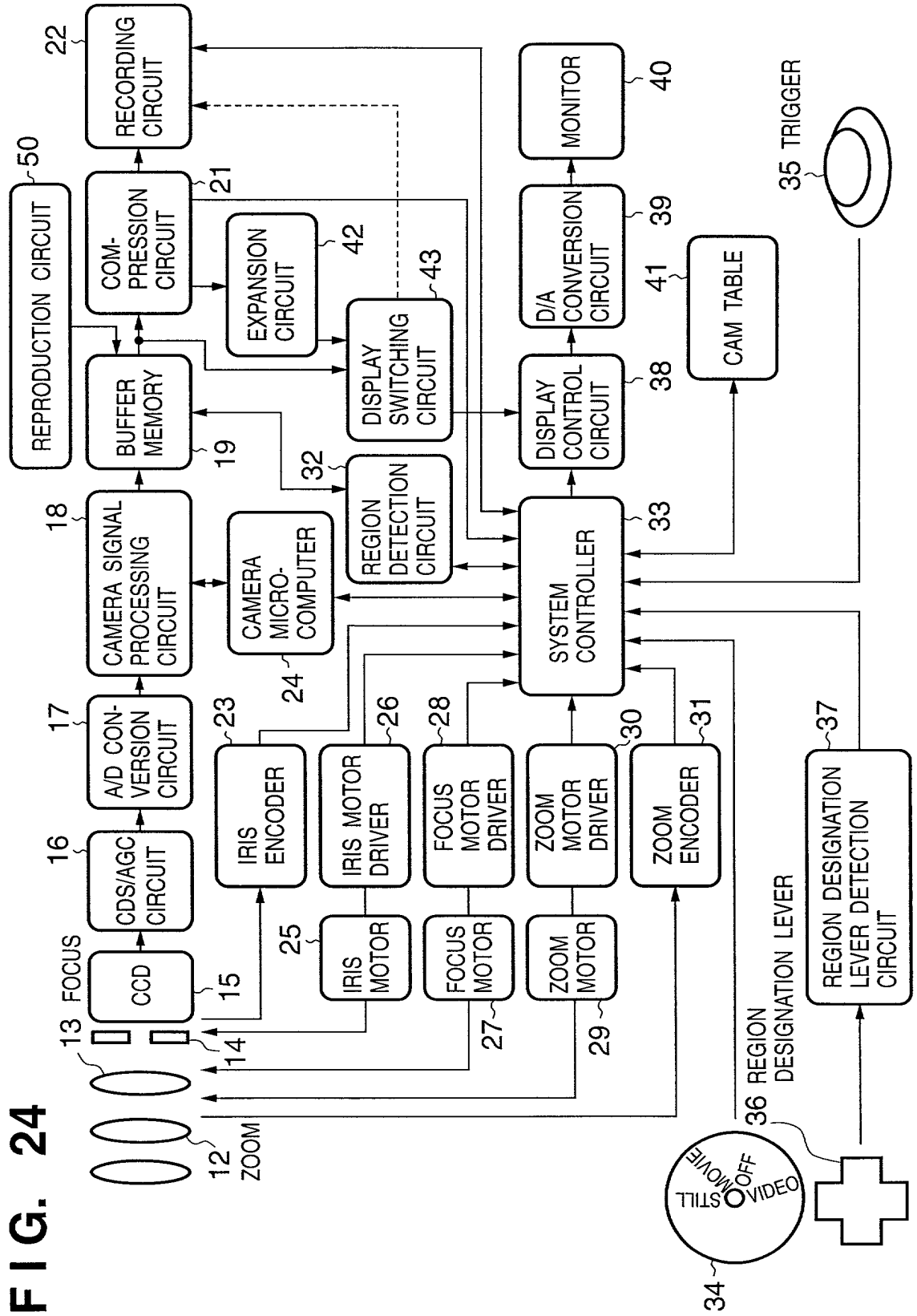


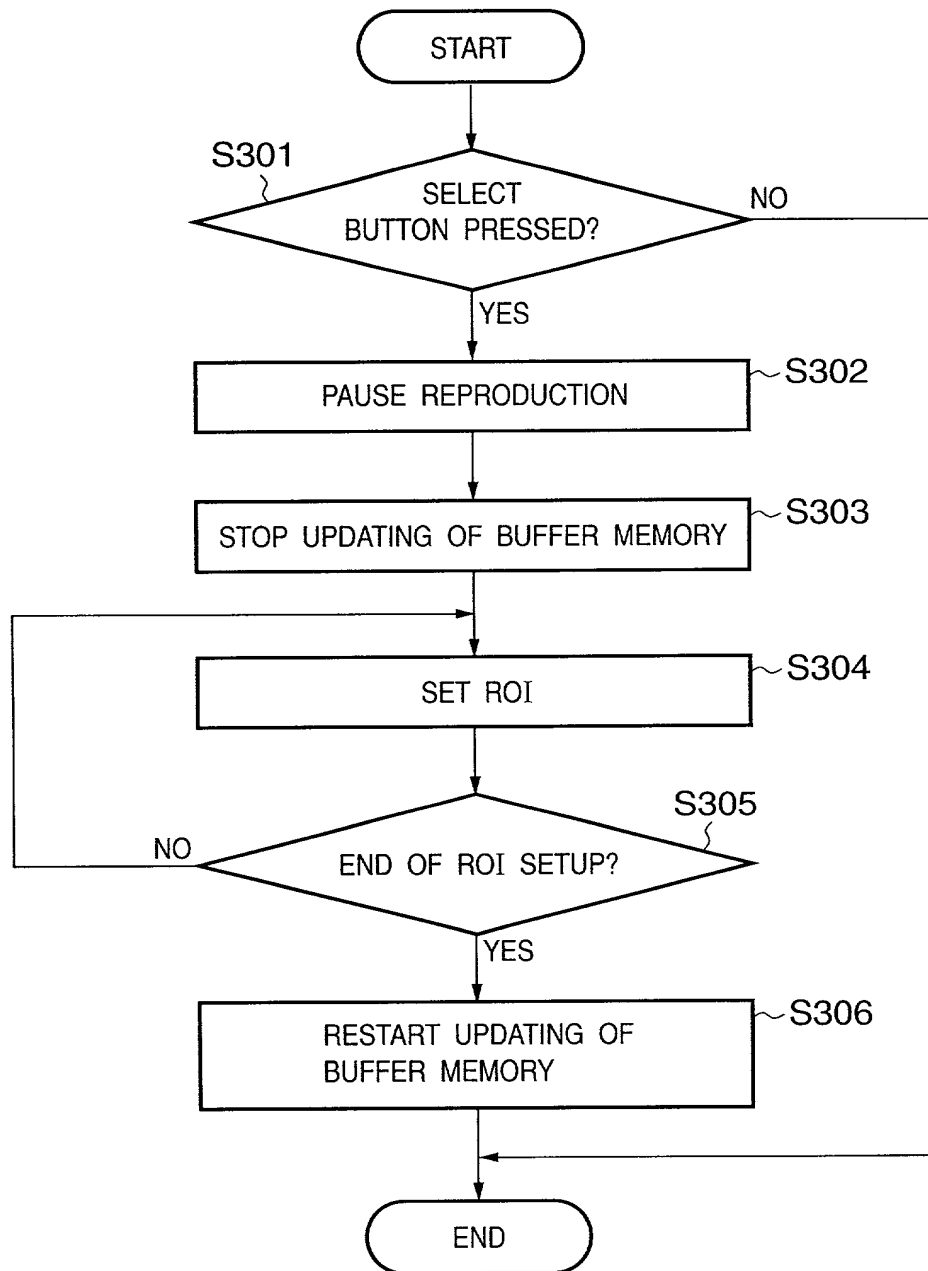
FIG. 25

FIG. 26

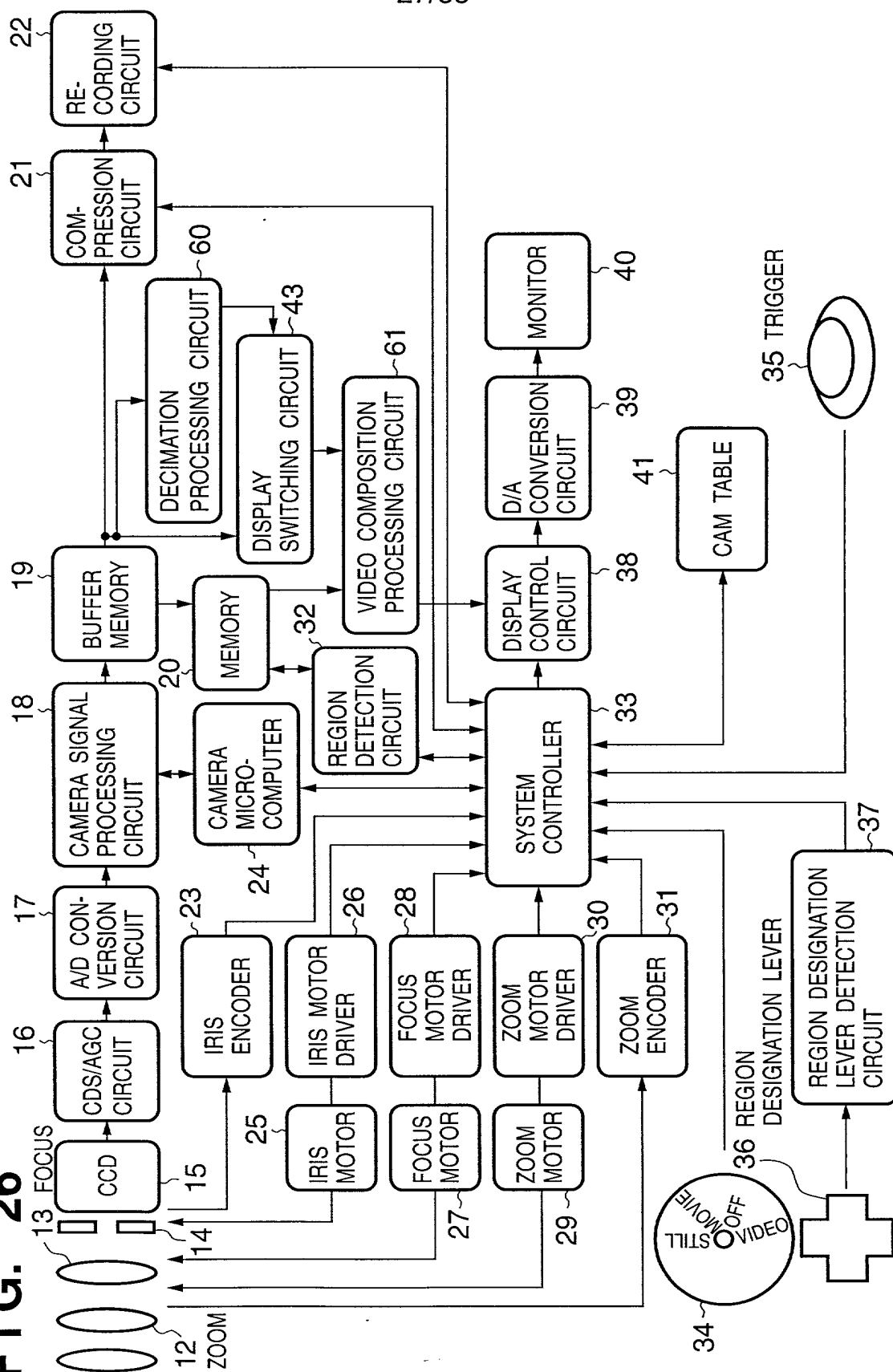
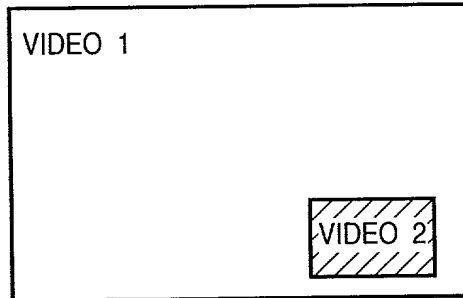


FIG. 27



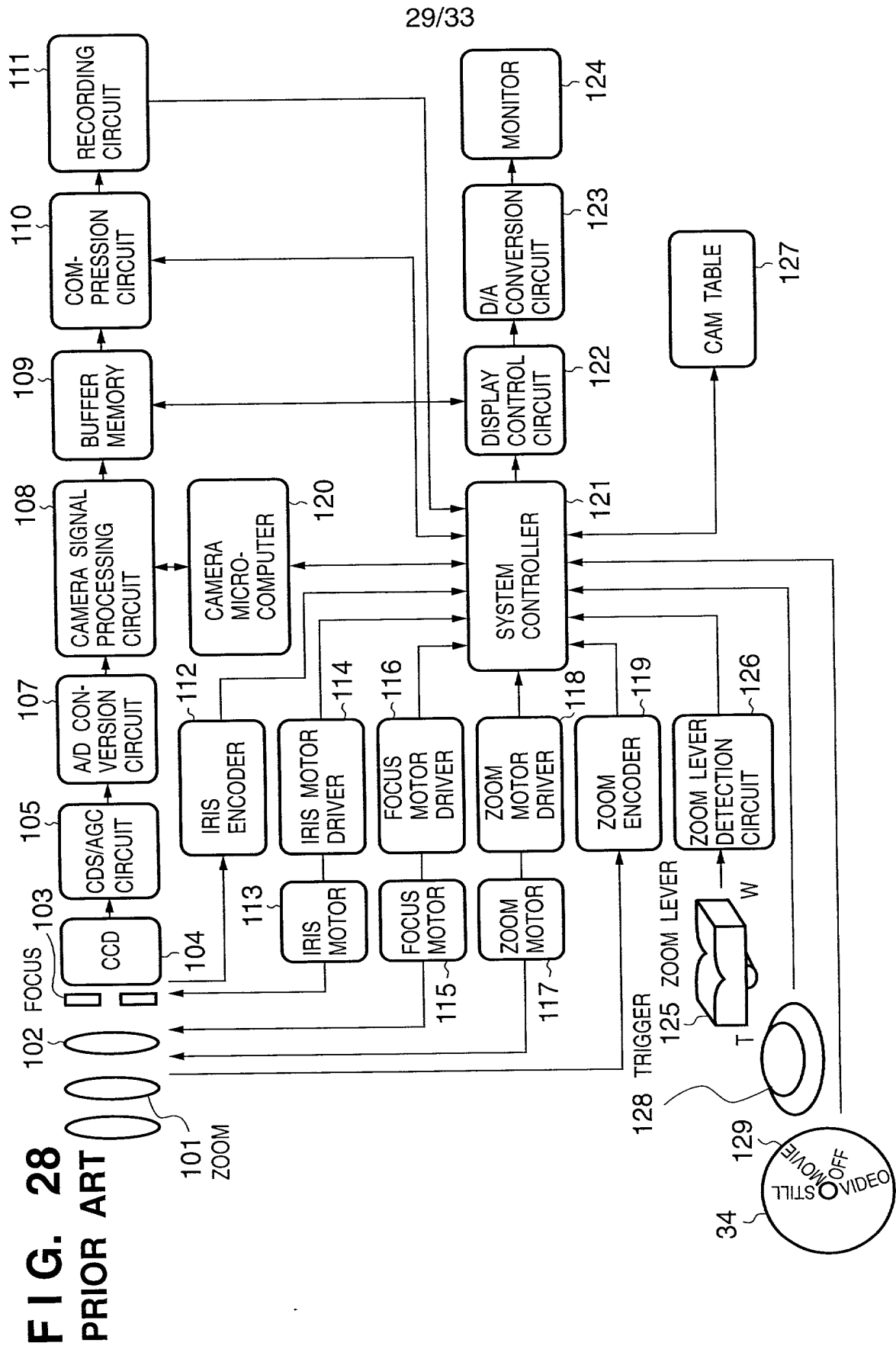
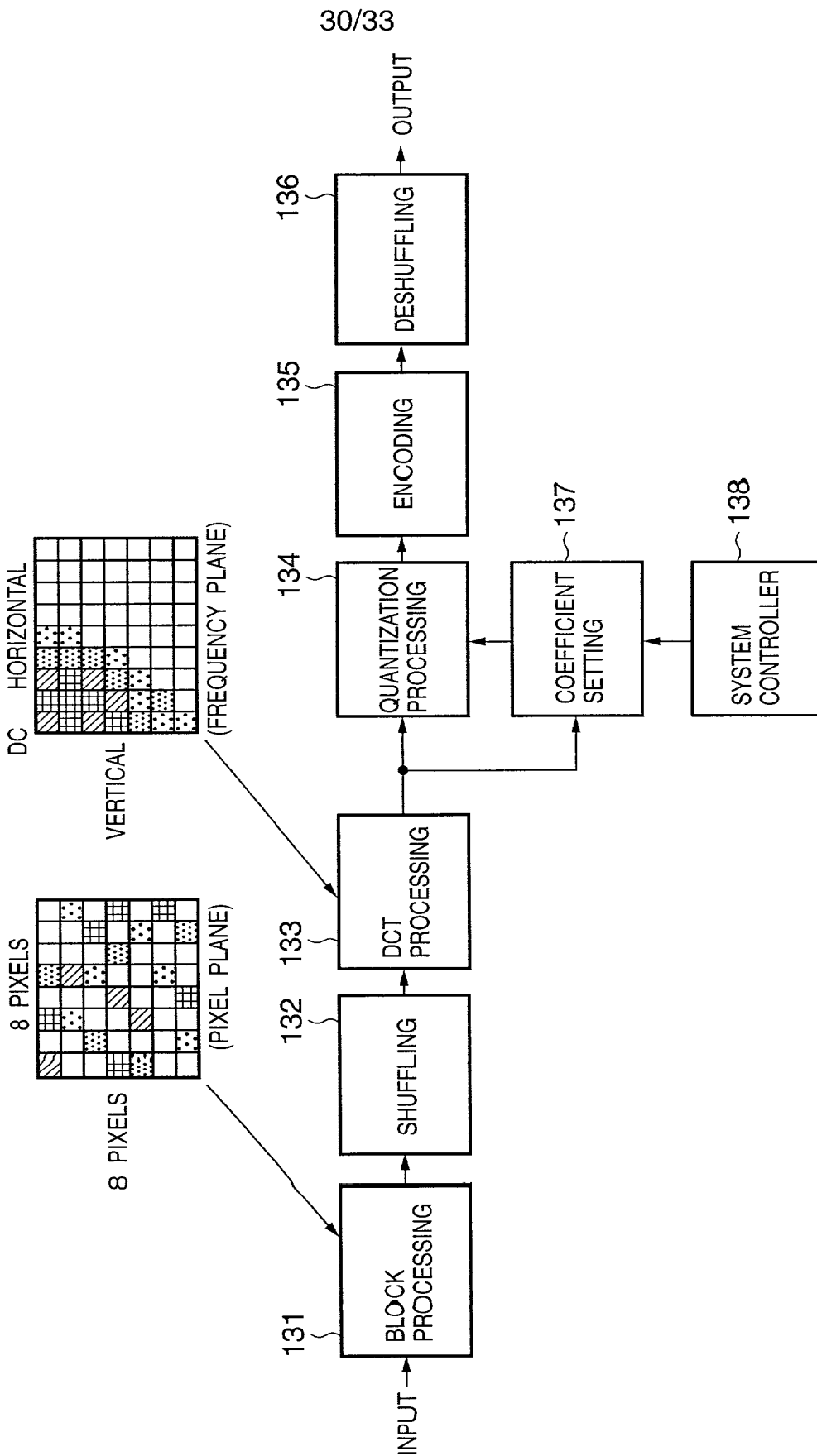


FIG. 29
PRIOR ART



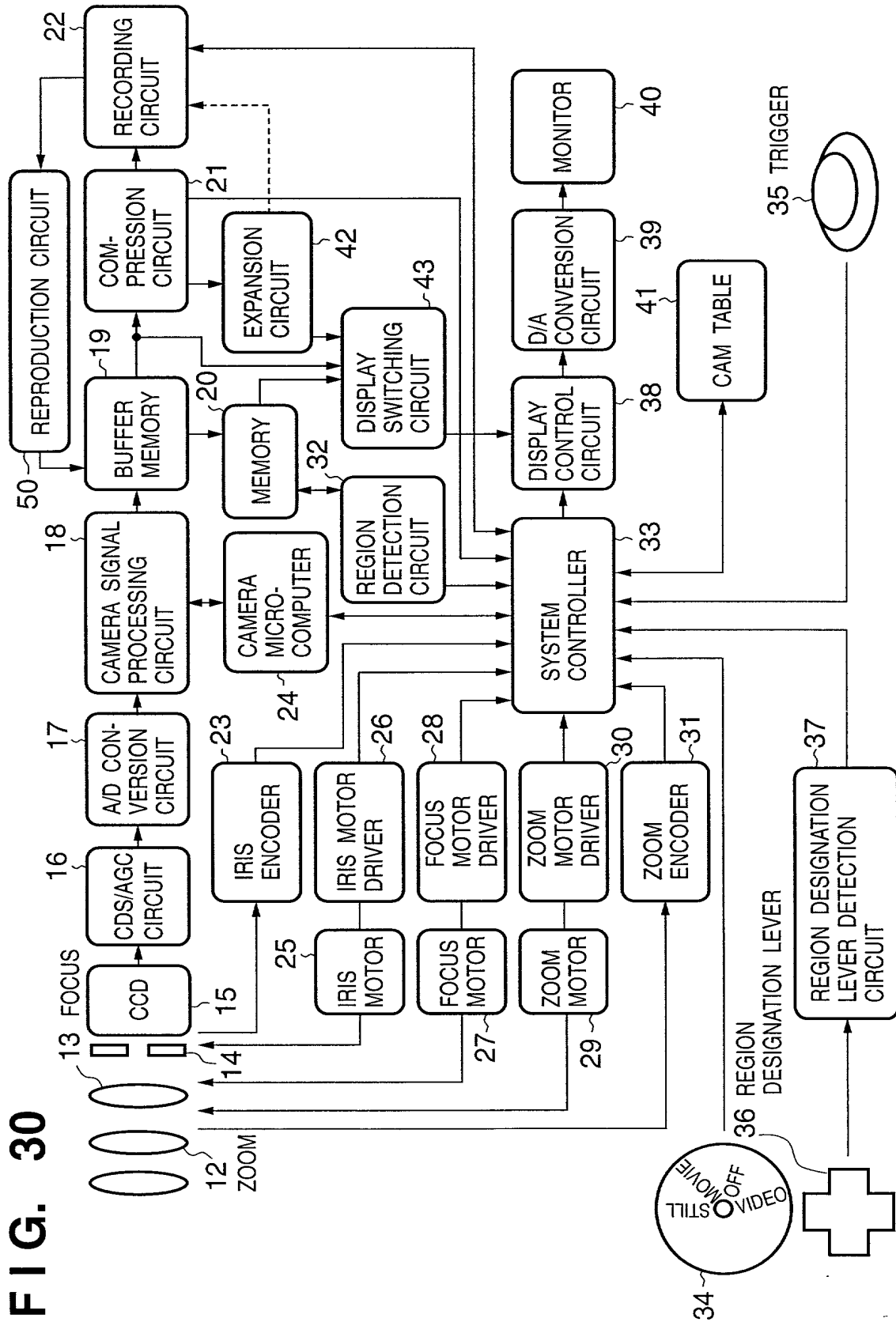


FIG. 30

FIG. 31

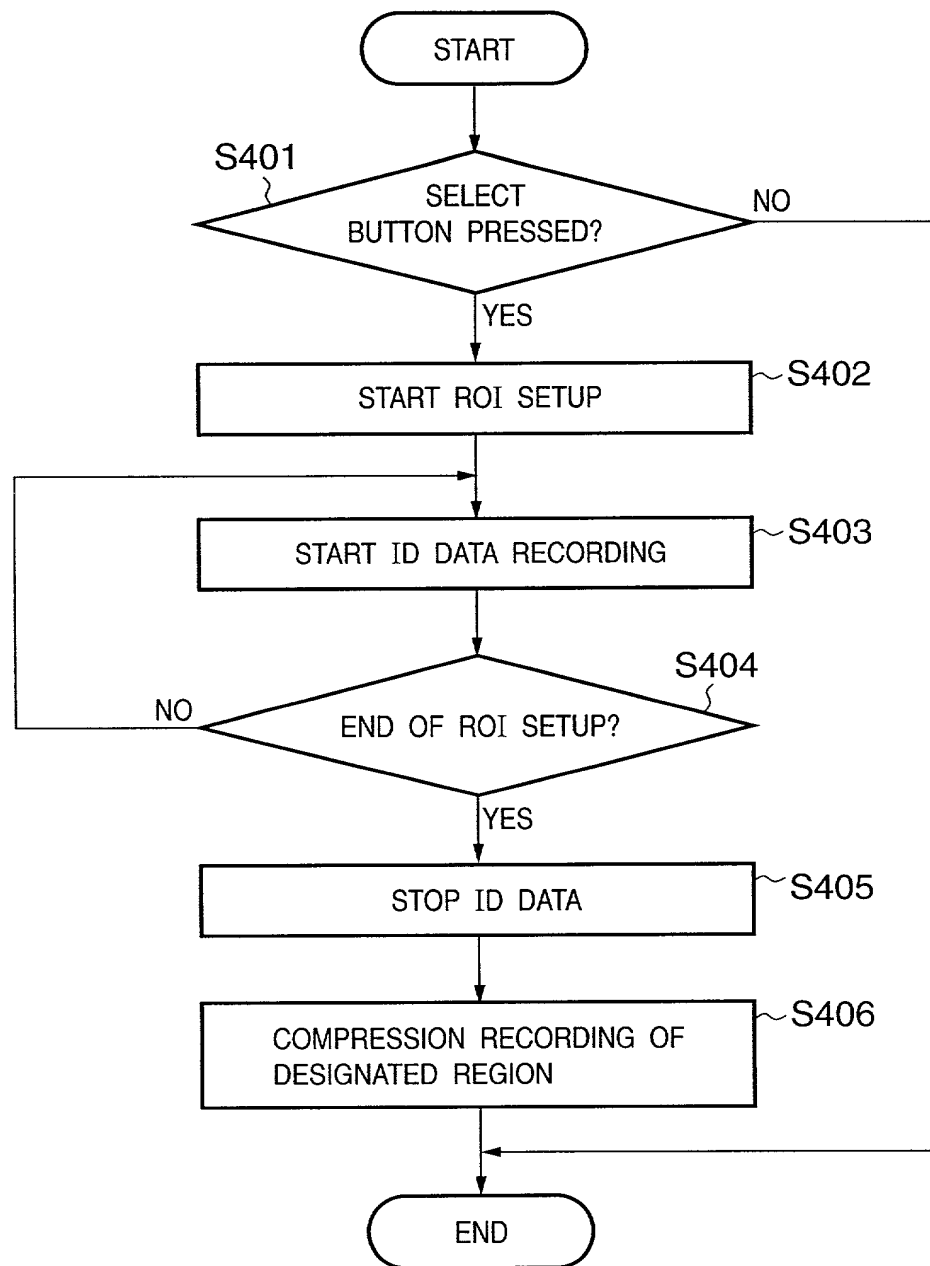


FIG. 32

